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What's Beyond Query By Example? - Boujemaa, Fauqueur, Gouet (2003) (Correct)  
the clustering of Local Distributions of Quantized Colors (referred to as LDQC's) Extracted in pixel descriptor ADCS (Adaptive Distribution of Color Shades) is proposed. It is based on the distribution Figure 8) and the range radius, the query is translated by the system as a logical expression of [www-rocq.inria.fr/~fauqueur/recherche/papiers/icisp03final.pdf](http://www-rocq.inria.fr/~fauqueur/recherche/papiers/icisp03final.pdf)

Experimental Assessment of the Effectiveness of Synthetic.. - Helen Mcbreen Paul (2000) (Correct)  
(2 citations)  
McBreen, H. Shade, P. Jack, M. Wyard, P. 2000. Experimental  
[feathers.ccir.ed.ac.uk/helen/AGENTS-2000.pdf](http://feathers.ccir.ed.ac.uk/helen/AGENTS-2000.pdf)

Optimizing Combined Volume And Surface Data Ray Casting - Silva, Manssour, Freitas (Correct)  
the same path so the algorithm can accumulate both color and opacity values along the ray. Both sampling Direct volume rendering algorithms transform, shade and project 3D voxels into 2D pixel space (see, the literature. These techniques either require conversion from one representation to the other or are [www.inf.ufgrs.br/gpesquisa/cg/publications/mrms/silva-manssour-freitas.pdf](http://www.inf.ufgrs.br/gpesquisa/cg/publications/mrms/silva-manssour-freitas.pdf)

Conservative Radiance Interpolants for Ray Tracing - Bala (1996) (Correct) (10 citations)  
If there is no intersection, the background color is returned otherwise, the ray tracer shades the color is returned otherwise, the ray tracer shades the point locally using the diffuse and specular [ftp.lcs.mit.edu/student-workshop/1996/abstracts/Bala.ps](http://ftp.lcs.mit.edu/student-workshop/1996/abstracts/Bala.ps)

Reasoning About Action I: A Possible Worlds Approach - Ginsberg, Smith (1987) (Correct) (105 citations)  
and that these objects don't change their shape or color unless someone deliberately modifies them. There be able to infer that if it moves the lamp, the shade and cord move, too. But when it tries to move [ic.arc.nasa.gov/ic/people/de2smith/publications/frame.ps](http://ic.arc.nasa.gov/ic/people/de2smith/publications/frame.ps)

A Fractal Video Communicator - Streit, Hanzo (1994) (Correct) (3 citations)  
Block Description /Frequency (Type Edge Angle Shade no significant 18.03 gradient Midrange moderate rate was about 20 % higher due to the increased DB addressing. These finding were also confirmed by to the following manipulations [2]1. Linear translation of the block. 2. Rotation of the block by 0, [www-mobile.ecs.soton.ac.uk/jurgen/vtc94.ps](http://www-mobile.ecs.soton.ac.uk/jurgen/vtc94.ps)

Parallel Rendering Techniques for Multiprocessor Systems - Menzel (1994) (Correct) (5 citations)  
hardware processor can calculate vertex colors based on a polygon's color and the light vector. primitives they are transformed, clipped and shaded. The shaded primitives are sent to the processor units in a modular, expandable architecture to address the problem of processor utilization. A [www.uni-paderborn.de/fachbereich/AG/monien/PUBLICATIONS/./PUBLICATIONS/POSTSCRIPTS/M\\_Parallel\\_](http://www.uni-paderborn.de/fachbereich/AG/monien/PUBLICATIONS/./PUBLICATIONS/POSTSCRIPTS/M_Parallel_)

The Do-I-Care Agent: Effective Social Discovery and.. - Ackerman, Starr, Pazzani (1997) (Correct)  
(7 citations)  
cars. From this, it may erroneously conclude that color is an excellent way to discriminate between the is not supported. Some systems, such as the SHADE and COINS matchmaker systems (Kuokka and Harada Provides An Overview Of Dica, Our Attempt To Address These Needs. 3. Dica: The Do-I-Care Agent [www.ics.uci.edu/~ackerman/docs/97.riao/dica.riao.ps](http://www.ics.uci.edu/~ackerman/docs/97.riao/dica.riao.ps)

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A Comparison Of Service Discovery Protocols And.. - Bettstetter, Renner (2000) (Correct) (3 citations)

She also does not know whether the printer supports color or not. Moreover, for Internet access she will

For example, they do not want to search for the IP address of the desired service or manually upload

James Kempf, Ryan Moats, and Pete St. Pierre. Conversion of LDAP Schemas to and from SLP Templates.

[www.lkn.ei.tum.de/~chris/publications/eunice2000-slp.ps.gz](http://www.lkn.ei.tum.de/~chris/publications/eunice2000-slp.ps.gz)

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**Visual Information Retrieval - Gupta, Jain (1997) (Correct) (110 citations)**  
 (Opposite) Carriere de Bibem" by Paul Czanne and color histogram of the painting. The color bands vision. To introduce VIR issues and techniques, we address three basic questions: What constitutes the which a prospective user of information can convert a request for information into a useful  
[www.dsi.unive.it/~smm/docs/gupta97.pdf](http://www.dsi.unive.it/~smm/docs/gupta97.pdf)

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MindReader: Querying databases through multiple examples - Ishikawa, Subramanya.. (1998) (Correct)  
(56 citations)  
query, and to specify the relative importance of **color**, shape and texture. Even worse, the user qualifying elements are along some diagonal in the **address** space. multi-level goodness scores"the 12# where #1 #2 r #1=r E **Conversion** from Distance Values to Goodness Values We  
[www.informedia.cs.cmu.edu/html/./documents/mindreader.pdf](http://www.informedia.cs.cmu.edu/html/./documents/mindreader.pdf)

A Probabilistic Approach to Object Recognition Using Local.. - Burl, Weber, Perona (1998) (Correct)  
(25 citations)  
brightness or orientation pattern, texture, **color**, motion, or symmetry. Parts may also be defined  
object rather than the photometric appearance) to **address** the first issue. Pope and Lowe [17, 18] used  
using shape statistics to achieve invariance to **translation**, rotation, and scaling. Improved recognition  
[www-aig.jpl.nasa.gov/public/mls/diamond\\_eye/..home/burl/publications/ECCV98.ps.gz](http://www-aig.jpl.nasa.gov/public/mls/diamond_eye/..home/burl/publications/ECCV98.ps.gz)

Differentiated Multimedia Web Services Using Quality.. - Chandra, Ellis, Vahdat (2000) (Correct)  
(23 citations)

to textual information. For example, full **color** JPEG images are transcoded to a bitmap form to at web proxies is one traditional technique to **address** bandwidth limitations by replicating objects. Transcoding is a **transformation** that is used to **convert** a multimedia object from one form to another [www.cs.duke.edu/~surendar/infocom00.pdf](http://www.cs.duke.edu/~surendar/infocom00.pdf)

**A Visibility Matching Tone Reproduction Operator for.. - Larson, Rushmeier.. (1997) (Correct) (22 citations)**  
contrast sensitivity, glare, spatial acuity and color sensitivity. We compare our results to previous simulation and electronic photography. **Keywords:** Shading, Image Manipulation. 1 Introduction The real of the Department of Energy Author's current address: Silicon Graphics, Inc.Mountain View, CA.  
[www.graphics.cornell.edu/academic/ARCH476.6/ward.pdf](http://www.graphics.cornell.edu/academic/ARCH476.6/ward.pdf)

**Methods for Encrypting and Decrypting MPEG Video Data Efficiently - Tang (1996) (Correct) (18 citations)**  
goal is to develop an international standard for color and greyscale image compression. We do not  
video-makes the encryption difficult [7]We address the multimedia data 1 security in a novel way.  
baseline compression procedure as follows. 1. **Transform** the image into a suitable color space. This is  
[www.ini.cmu.edu/~sirbu/lt00/paper/mmm96.ps.gz](http://www.ini.cmu.edu/~sirbu/lt00/paper/mmm96.ps.gz)

**Spatially Nonuniform Scaling Functions for High... - Chiu, Herf, Shirley, .. (1993) (Correct) (16 citations)**  
in accurately reproducing highly saturated col rs[5, 14, 17, 4]This is often referred to as a  
Bloomington, IN 47405 812 -855 -6486 e-mail address :chiuk |mherf |shirley shankar |wangc |  
in the resulting image. The goal of this scaling transf rmination is to produce an image on the CRT that  
www.cs.utah.edu/~shirley/pubs/qi93.ps.Z

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Enforcing Integrability for Surface Reconstruction .. - Petrovic, Cohen.. (Correct)  
shape reconstruction techniques shape-from-shading and photometric stereo. On a set of real and [www-cvr.ai.uiuc.edu/kriegman-grp/classes/cs491kp/mainlra2.pdf](http://www-cvr.ai.uiuc.edu/kriegman-grp/classes/cs491kp/mainlra2.pdf)

Textureshop: Texture Synthesis as a Photograph Editing Tool - Hui Fang John (Correct)  
surface reconstruction. Assuming the input texture color variation is caused only by local normal include the generation of detail on manually-shaded painting, extracting and synthesizing a An ordinary photo is scanned in. b) Shape-from-shading applied to an object in the image to estimate [graphics.cs.uiuc.edu/~jch/papers/textureshop.pdf](http://graphics.cs.uiuc.edu/~jch/papers/textureshop.pdf)

Hardware-Accelerated Interactive Illustrative Stipple.. - Polygonal Objects Vision (2002) (Correct)  
of the Blinn-Phong model, N L) n is used to shade the object, which potentially reduces the number However, the stippling method of drawing and shading using dots has not received as much focus. In set is simple, with the standard trick for converting conditionals to vertex programs (compute both [www.ecn.purdue.edu/purpl/level2/papers/stipple\\_VMV\\_2002.pdf](http://www.ecn.purdue.edu/purpl/level2/papers/stipple_VMV_2002.pdf)

Point Light Source Estimation from Two Images and Its Limits - Stauder (2000) (Correct)  
[ftp.irisa.fr/local/tomics/tomics/publis/2000/IJCV2000-JS.ps.gz](http://ftp.irisa.fr/local/tomics/tomics/publis/2000/IJCV2000-JS.ps.gz)

Using A Color Reflection Model - To Separate Highlights (1987) (Correct)  
Using A Color Reflection Model To Separate Highlights From [www.bruegge.in.tum.de/publications/includes/pub/klunker1987iccv/klunker1987iccv.pdf](http://www.bruegge.in.tum.de/publications/includes/pub/klunker1987iccv/klunker1987iccv.pdf)

Fast Wavelet Based Volume Rendering by Accumulation of.. - Lippert, Gross (1995) (Correct) (22 citations)  
method for fast and accurate volume intensity and color integration is elaborated, which employs wavelet by modern hardware accumulation buffers. Linear shading and attenuation can be introduced by basis of L 2 3 by the dilated and translated versions of #and In eq. 3) m denotes [ftp.inf.ethz.ch/pub/publications/tech-reports/2xx/228.ps.gz](http://ftp.inf.ethz.ch/pub/publications/tech-reports/2xx/228.ps.gz)

Int'l J. of Computer Vision, Marr Prize Issue, 2005. - Image Parsing Unifying (Correct)  
a curve process (the markings on the field) a color region, and a region for nearby people. In -generic visual patterns, such as texture and shading, and object patterns including human faces and Figure 13(b) and by allowing small rotation and translation transformation we had 5,000 positive examples. [www.stat.ucla.edu/~sczhu/papers/IJCV\\_parsing.pdf](http://www.stat.ucla.edu/~sczhu/papers/IJCV_parsing.pdf)

Recovery of Chromaticity Image Free from Shadows via.. - Mark Drew School (2003) (Correct)  
steve sys.uea.ac.uk ICCV'03 Workshop on Color and Photometric Methods in Computer Vision, Nice, shading and intensity from images. That is, a shaded sphere, say, will appear as a disk. This can Recovery of Chromaticity Image Free from Shadows via Illumination Invariance Mark S. Drew [www.cs.sfu.ca/~mark/ftp/lccv03ColorWkshp/iccv03wkshp.pdf](http://www.cs.sfu.ca/~mark/ftp/lccv03ColorWkshp/iccv03wkshp.pdf)

An Extension of Fourier-Wavelet Volume Rendering by View .. - Michel Westenberg Michel (2001) (Correct)  
computer graphics techniques such as illumination, shading, and colour [11] Due to their large size, the 7 similarly. Here j and k denote scale and translation, respectively. From the 1-D basis, a 2-D domain implementation of the wavelet X-ray transf m. This transf m combines integration along the [www.cs.rug.nl/~roe/publications/wxfr.ps.gz](http://www.cs.rug.nl/~roe/publications/wxfr.ps.gz)

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Visualizing the World-Wide Web with the Navigational View.. - Mukherjea, Foley (1995) (Correct)  
(36 citations)

topic of the nodes may be represented by different colors. Similarly, special icons or brighter colors can  
<ftp.cc.gatech.edu/pub/groups/gvu/tr/95-09.ps.Z>

On the Hardness of Approximating MAX k-CUT and its Dual - Kann, Khanna, Lagergren.. (1995) (Correct)  
(35 citations)

edge set of minimum weight whose removal makes G k-colorable. For the Max k-Cut problem we show that,  
if P  
<cm.bell-labs.com/cm/ms/who/sanjeev/postscriptum/maxcut.ps.gz>

Gesture Recognition Using the Perseus Architecture - Kahn, Swain, Prokopowicz, Firby (1996) (Correct)  
(34 citations)

types: intensity, edges, motion, disparity, and color. These few types of features are used by the many  
the background OR often mistakes the person's shadow as part of the foreground. The floor OR does not  
median width of the widest connected region on each scan line of the segmentation starting just below the  
<www.cs.uchicago.edu/~swain/pubs/CVPR96-Perseus.ps.Z>

IP Switching and Gigabit Routers - Newman, Minshall, Lyon, Huston (1997) (Correct) (33 citations)

Add Branch message on an existing incoming VCI converts the connection to a point-to-multipoint  
to reprint/republish this material for advertising or promotional purposes or for creating new  
[www.ipsilon.com/~pn/papers/ieee\\_comm96.ps](www.ipsilon.com/~pn/papers/ieee_comm96.ps)

MAGMA: An Agent-Based Virtual Market for Electronic.. - Tsvetovatyy, Gini.. (1997) (Correct) (31 citations)

as well as specialized agents such as banks or advertisers. It is a proprietary server-side system,  
to transport and store goods securely, means to advertise what is up for sale, economic mechanisms for  
the item later, when the price has risen. 2.4 Advertising Advertising is one of the keystone elements  
<www-users.cs.umn.edu/~gini/papers/magma.ps.gz>

Distributed Packet Rewriting - and its Application.. - Bestavros.. (1998) (Correct) (31 citations)

DNS standard, the different host IP addresses are advertised in turn [16]In addition to its violation of  
this mapping could be done through DNS by advertising a number of IP addresses for a single domain  
<www.cs.bu.edu/faculty/best/res/papers/icnp98.ps>

The Tiger Shark File System - Haskin, Schmuck (1996) (Correct) (30 citations)

deadline scheduling (as opposed to conventional scan or elevator algorithms)Tiger Figure 1. Tiger  
in the way entertainment, instruction, news, advertising, and many other forms of information are  
<www.research.ibm.com/webvideo/shark96.ps>

A Layered Architecture for Office Delivery Robots - Simmons, Goodwin, Haigh.. (1997) (Correct)  
(30 citations)

light striper with a 30 degree field of view, and a color camera on a pan-tilt head. Control, perception,  
rule. The navigation module takes a path plan and converts it to a desired heading direction for each  
<www.cs.cmu.edu/afs/cs.cmu.edu/project/robocomp/xavier/www/papers/simmons97a.ps.gz>

On Accommodating Mobile Hosts in an Integrated Services Packet .. - Anup Talukdar (1997) (Correct)  
(29 citations)

control schemes based on a new concept, called Shadow Cluster, to improve the QoS of mobile calls by

**Visual Information Retrieval (1997) (Make Corrections) (112 citations)**  
 Amarnath Gupta, Ramesh Jain  
 Communications of the ACM

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**Abstract:** ND BUSINESSMAN CALVIN MOORES COINED the term information retrieval [10] to describe the process through which a prospective user of information can convert a request for information into a useful collection of references. "Information retrieval," he wrote, "embraces the intellectual aspects of the description of information and its specification for search, and also whatever systems, techniques, or machines that are employed Amarnath Gupta and Ramesh Jain 72 May 1997/Vol. 40, No. 5... [\(Update\)](#)

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Corresponding author. Tel.: 39-055-4796262; fax: 39-... - Mail Address Delbimbo (1999) [\(Correct\)](#)  
 CLUE: Cluster-based Retrieval of Images by Unsupervised.. - Chen, Wang, Krovetz (2003) [\(Correct\)](#)  
 Video Scouting: An Architecture And System For The.. - Multimedia Information In [\(Correct\)](#)

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**0.3:** A Multimedia Information Retrieval Model Based On Semantic .. - Yueting Zhuang Sharad (1999) [\(Correct\)](#)  
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**51:** Query by Image and Video Content: The QBIC System (context) - Flickner, Sawhney et al. - 1995  
**31:** Visualeek: a fully automated content-based image query system - Smith, Chang - 1996  
**30:** Photobook: Content-based Manipulation of Image Databases - Pentland, Picard et al. - 1994

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A. Gupta and R. Jain, "Visual information retrieval," Communications of the ACM 40(5), pp. 69-79, 1997.  
<http://citeseer.ist.psu.edu/gupta97visual.html> [More](#)

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  author = "Amarnath Gupta and Ramesh Jain",
  title = "Visual Information Retrieval",
  journal = "Communications of the ACM",
  volume = "40",
  number = "5",
  pages = "70--79",
  year = "1997",
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